Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

(21)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in								
	PULL DOWN CHALLENGER								
		2				2.00			
				Present Qty.		**2.00**	**Nos**	**310770.40**	**621540.80**

E. (Project)

Contractor PMC Assistant Engineer 24/3/21 Asst. Executive Engineer 24/3/21

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SHRIYA CONSTRUCTION AND CONSULTANCY

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
20	Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CISC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecessive movement, which can cause injuries. The limitors must be in accordance with EN16630								
	SELF WEIGHTED ROWER								
		2				2.00			
					Present Qty.	2.00	Nos	216541.88	433083.75

E.E. (Project)

Contractor

PMC CONSTRUCTION AND CONSULTANCY

Assistant Engineer

24/3/21

24/3/21

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
21	Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause								
	RIDER	2				2.00			
					Present Qty.	2.00	Nos	118113.75	236227.50

E.E. (Project)

Contractor PMC Assistant Engineer 24/3/21

Asst. Executive Engineer
Yelahanka Zone
BBMP, Bangalore - 92

SHRIYA CONSTRUCTION AND CONSULTANCY

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
22	Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope								
	ARM & PEDAL BIKE								
		2				2.00			
				Present Qty.		2.00	Nos	164046.88	328093.75

E.E. (Project)

Contractor

PMC

Assistant Engineer 24/3/21

24/3/21

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On:		Detailed Measurements							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	Supply & fixing of Arm & Pedal Bike : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive								
	ARM & PEDAL BIKE								
		2				2.00			
	E.E. (Project)			Present Qty.		2.00	Nos	223103.75	446207.50

Chd. & f.e

E.E. (Project)

Contractor

PMC

Assistant Engineer 24/3/21

24/3/21

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 97

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On:	Detailed Measurements								
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
24	Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped.								
	TAI CHI SPINNER'S								
		2				2.00			
				Present Qty.		2.00	Nos	150923.13	301846.25

Contractor PMC Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SHRIYA CONSTRUCTION AND CONSULTANCY

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
25	Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can								
	BIG SHOULDER WHEEL								
		2				2.00			
				Present Qty.		**2.00**	**Nos**	**157485.00**	**314970.00**

Contractor

PMC

Assistant Engineer 24/3/21

24/3/21

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	Supply & fixing of HD Double Health Walker :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules Maintenance : Maintain according to EN16630 and the maintenance								
	HD DOUBLE HEALTH WALKER								
		2				2.00			
					Present Qty.	**2.00**	**Nos**	**310770.40**	**621540.80**

Contractor PMC Assistant Engineer

24/3/21

Asst Executive Engineer

Asst Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SHRIYA CONSTRUCTION AND CONSULTANCY

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
27	Supply & fixing of HD Sit Up Station : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1365 MM x 1335 MM x 700 MM . Capacity 2 persons								
	HD SIT UP STATION								
		2				2.00			
				Present Qty.		2.00	Nos	164046.88	328093.75

Contracter

PMC

Assistant Engineer 24/3/21

24/3/21

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 97

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Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
28	Supply & fixing of HD Squat Pushing : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecessive movement which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2270 MM x 635 MM x 1640 MM . Capacity 2								
	HD SQUAT PUSHING					2.00			
		2							
					Present Qty.	2.00	Nos	282160.63	564321.25

Contractor

Assistant Engineer 24/3/21

Asst Executive Engineer

Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Name of Work:- Providing and fixing Children play equipment near Allalasandra Lake in ward No.04 and Puttenahalli Lake in Chowdeshwari Ward No.02.

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
29	Supply and fixing of childern Multi Play Equipment with curved slide and number panel : Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. All metal components are to be finished with a baked on powder coat finish.With deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish.Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels,Toprails Of Monkey loop of size 1.8 m x 1.3 m.Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Roof of size Dia 2 m and height 0.82 m, Spiral Slide of size 1.16 m x 1.6 m x 3.6 m, Panels The rates are to be inclusive of supply and installation at site								
	SCARBOROUGH - E								
		1				1.00			
				Present Qty.		1.00	Nos	2311139.62	2311139.62

E.E. (Project)

Ch. & Fe.

Contractor

PMC

E E. (Project)

Assistant Engineer

24/3/21

24/3/21

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SHRIYA CONSTRUCTION AND CONSULTANCY

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